

Notice of Allowability	Application No.	Applicant(s)	
	09/388,935	MIYAWAKI ET AL.	
	Examiner	Art Unit	
	Kambiz Abdi	3621	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 28 July 2005.
2. ☒ The allowed claim(s) is/are 1,5,7 and 11-14.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|--|

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DETAILED ACTION

1. Prior office actions are incorporated in this office action by reference. Applicant has filed an Amendment that was received on 28 July 2005.

- Claims 1 and 7 have been amended.
- Claims 2-4, 6, 8-11, and 15 were previously canceled.
- Claims 1, 5, 7, and 11-14 have been allowed.

Allowable Subject Matter

2. Claims 1, 5, 7, and 11-14 are allowed over the prior art of record.
3. The following is an examiner's statement of reason for allowance:

The closest prior art of record are U.S. Patent No. 5,999,623 to Bowman, U.S. Patent No. 6,226,618 to Downs, U.S. Patent No. 6,069,957 to Dillon, U.S. Patent No. 5,634,012 to Stefik, and U.S. Patent No. 5,991,876 to Johnson.

Bowman and Richards principally teach systems and methods of cable television broadcasting and encryption/decryption of data content distributed by them and controlling the access to such data based on the rights granted to the end users based on the payment received by the cable television broadcasters.

Dillon teaches the periodical or cyclical encryption of the billing information and forwarding such information to the billing center and the cables head end for accounting.

Downs teaches a method and system for secure distribution of data to users and providing secure transaction for such data.

Stefik teaches a method and system for control of distribution and use of digital works and reporting fee associated with such usage.

Johnson teaches the copying of material and charging a fee for such copying based on the per/page copy or printing.

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4. None of the prior arts of the record individually or in combination teach or suggest the specific step of "executing accounting to the end user based on a printed page unit that is calculated using at least a printed number, number of pages printed on one sheet, contents total page number and points per page, and only if said encryption content is decrypted."

In regards to independent claims 1 and 7, the closest prior art of record when taken either individually or in combination with other prior arts of record fail to teach or suggest the steps of;

selecting by the end user, by clicking on the icon and based on review by the end user of the summary information received, at least one of the encrypted content from the broadcasted contents that can be utilized by the end user;

generating a decoding key that decodes the encrypted content from actual decoding information accompanying the encrypted content and end user identifying information;

decoding the encrypted content using the generated decoding key and utilizing of a decrypted content thereof by the end user; and

executing accounting to the end user based on a printed page unit that is calculated using at least a printed number, number of pages printed on one sheet, contents total page number and points per page, and only if said encryption content is decrypted.

5. Claim 5 is dependent upon independent claim 1 and 11-14 are dependent upon independent claim 12, thus they have all the limitations of claim 1 and 12, therefore, they are allowable for that same reason.

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Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kambiz Abdi whose telephone number is (703) 305-3364. The examiner can normally be reached on 9 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James P Trammell can be reached on (703) 305-9768. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

**Commissioner of Patents and Trademarks
Washington, D.C. 20231**

or faxed to:

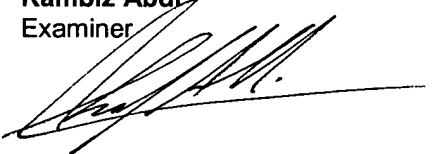
(703) 872-9306 [Official communications; including After Final communications labeled "Box AF"]

(703) 746-7749 [Informal/Draft communications, labeled "PROPOSED" or "DRAFT"]

Hand delivered responses should be brought to:

**Crystal Park 5, 2451 Crystal Drive
7th floor receptionist, Arlington, VA, 22202**

Kambiz Abdi
Examiner



September 12, 2005